

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,048,358 B2
APPLICATION NO. : 10/613992
DATED : May 23, 2006
INVENTOR(S) : Masahiko Kubota et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE COVER PAGE

(Item 74), *Attorney, Agent or Firm*

"Fitzpatrick Cella Harper & Scinto" should read --Fitzpatrick, Cella, Harper & Scinto--.

(Item 57), ABSTRACT

"bulling" should read --bubbling--.

COLUMN 2

Line 16, "and constituting" should read --constitute--.

Line 37, "is flown" should read --is flowed--.

COLUMN 4

Line 19, "the adequate" should read --adequate--.

Line 56, "flown" should read --flowed--.

COLUMN 5

Line 18, "is graphs" should read --are graphs--.

COLUMN 6

Line 53, "act greatly" should read --are most effective--.

Lines 58, " $(\partial v / \partial t) + (v \cdot \Delta) = -\Delta(P/p) + (\mu/p)\Delta^2 v + f$ (Navie-Stokes)" should read

-- $(\partial v / \partial t) = (v \cdot \Delta) = -\Delta(P/p) + (\mu/p)\Delta^2 v + f$ (Navie-Stokes--.

Line 61, "small adequately" should read --adequately small--.

COLUMN 7

Line 1, "In case" should read --In the case--.

Line 5, "Expressing" should read --Expressed--.

Line 6, "similar" should read --similarly--.

Line 17, "intertance." should read --inertance.--.

Line 51, "stokes" should be deleted.

Line 59, "flown" should read --flowed--.

COLUMN 8

Line 26, "be is" should read --be--.

Line 32, "are arranged" should read --be arranged--.

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COLUMN 10

Line 52, "flown" should read --flowed--.

COLUMN 12

Line 53, "(MMA-MAA))" should read --(MMA-MAA)--.

COLUMN 13

Line 63, "as less" should read --or as little--.

COLUMN 14

Line 42, "atmosphere" should read --atmosphere,--.

COLUMN 15

Line 63, "57 has" should read --57 having--.

Line 65, "heater 20" should read --heater 20,--.

COLUMN 17

Line 3, "straightly" should read --straight--.

Line 9, "as less" should read --or as little--.

COLUMN 18

Line 16, "the substantially" should read --substantially--.

Line 48, "is formed" should read --are formed--.

COLUMN 19

Line 3, "30 μm " should read --30 μm --.

COLUMN 20

Line 61, "is hard to be" should read --made hard--.

COLUMN 21

Line 16, "flown" should read --flowed--.

COLUMN 22

Line 28, "flown" should read --flowed--.

Line 40, "flown" should read --flowed--.

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COLUMN 23

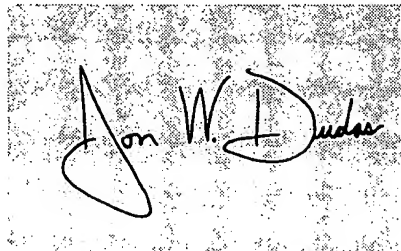
Line 37, "discharged" should read --be discharged--.

COLUMN 27

Line 9, "A ink" should read --An ink--.

Signed and Sealed this

Thirtieth Day of January, 2007

A handwritten signature in black ink, reading "Jon W. Dudas", is centered within a rectangular box. The signature is written in a cursive, stylized font.

JON W. DUDAS
Director of the United States Patent and Trademark Office